1954 INDEX

of articles appearing in

Textile Industries

(Volume 118, Nos. 1 through 12)

HERE IS your subject index of articles for 1954. It provides a convenient means of reference to information appearing in TEXTILE INDUSTRIES during the past twelve months. It also indicates the tremendous amount of worthwhile material published, much of which is of enduring value.

The index will be most helpful to readers who preserve their copies of TEXTILE INDUSTRIES as they are received, either in files or bound volumes. It will enable them to locate quickly articles in which they are interested; articles on a specific subject may be found by referring to the appropriate division heading (Mill Management, Carding, Spinning, Weaving, Knitting, Wool, Synthetics, etc.).

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How Do You Run Traverse on Filling Spinning (Ga. Meet)	Jan. 139	•				
Here's How Often Georgia Mills Replace Quills (Ga. Meet)	Jan. 139	•				
Stripping Quills (Ga. Meet)	Jan. 143	•				
Ever Think of This, Mr. Spinning Overseer?	Jan. 155	•				
Waste Sorting Table Saves Time	Jan. 162	•				
Make This Change on Spinning Mules to Reduce Downtime	Jan. 167	•				
This Revised Doffer Wage Payment Improved Production and Morale	Feb. 127	•				
25% Larger Package Credited to New Spindles and Carriers	Feb. 139	•				
Try This Apron Splicing Jig, by George A. Pettit	Mar. 138	•	•	•		
Traveling Cleaner Reduces Ends-Down, Cuts Cleaning Costs	Mar. 148	•				
Hammer Removes Travelers without Damaging Rings	Mar. 187	•	•	•		
Travelers Easily Removed or Put On with Mill-Made Tool	Dec. 187	•	•	•		
Each Day this Filling Conveyor Saves Labor of 9 Men	Apr. 162	•				
Comments on "Factors Affecting Spinning Limits"	May 149	•	•	•		
Pinpoint Bad Spinning, by Jim Wheeler	June 110	•				
Check Points Affecting Cot Life (STA Meet)	June 159	•				
Full Bobbins Assured with Let-Off Attachment	June 169	•				
Use Refrigerator Dish for Quill-Tinting Solution	June 187	•	•	•		
Maintenance of Top Roll Covers (Ga. Meet)	Aug. 118	•				
Top Roll Bearings (Ga. Meet)	Aug. 118	•				
Bunch Building (Ga. Meet)	Aug. 118	•				
Spinning Clearers (Ga. Meet)	Aug. 120	•				
Ball Bearing Spindles (Ga. Meet)	Aug. 120	•				
Georgia Mills' Spinning Practice (Ga. Meet)	Aug. 120	•				
To Get Better Spinning at Lower Cost, Let Spinners Spin, Cleaners Clean, by George E. Tucker	Sept. 130	•				
Vacuum Scavenger System at Adelaide Mills Changes Air, Reworks Waste Automatically	Oct. 123	•				
Cleaning Spinning Frames (STA Meet)	Dec. 122	•				

New Equipment

Spinning Frame Features Controlled Balloon for Uniform Tension	Jan. 83
Device Speeds Plumbing of New Era Spindles	Jan. 176
Five-Roll, Double Draft Spinning Frame Offers Wide Draft Range	Feb. 97
Aluminum Alloy Ring Holders for Spinning and Twisting	Feb. 211
Creel-Mounted, Automatic Cleaner for Spinning	Feb. 216
Convert Roth Drafting to Double-Belt for Higher Drafting Ability	Mar. 101
New Platt Machinery for Processing Cotton	Mar. 221
Frame Cleaner Has More Power, Greater Capacity	Apr. 229
Spindle Base Features Split-Sleeve Design	May 87
Spinning Frame Motor Mounts Underneath, Saves Space	July 151
Attachment for Frame Cleaner Sweeps Floor	July 167
Spindle Tape Is Stretch-, Lint-, and Fire-Resistant	July 171
Pendulum Weighting Arm for Spinning Frames Eliminates Many Parts	Aug. 79
Spinning Traveler Features Balance and Reduced Air Resistance	Aug. 81
Traverse from 8"-11" with 39" Wide Cotton Spinning Frame	Aug. 177
Ball Bearing Top Roll Features 20,000-Hour Lubrication Interval	Aug. 179
Bonded Nylon Spindle Tape Increases Production	Aug. 181
"Nitrated" Rings More Resistant to Wear and Corrosion	Aug. 185
Ball Bearing Tension Pulley Has Large Stationary Grease Chamber	Aug. 188
New Anti-Friction Spindle	Sept. 201
Spindle Brake Can Be Attached to Hartford Spindles at Any Time	Sept. 211
To Eliminate Tagging at Creel Rods of Flyer and Spinning Frames	Oct. 117
Reduce Underframe Cleaning Costs	Oct. 245
Front Roll Speed Can Be Changed without Stopping Frame	Nov. 112
Spinning Ring Increases Traveler Life, Reduces Ends Down	Nov. 114
Ball Bearing and Nylon Insert Top Rolls No Oil, Less Cleaning	Nov. 114
Top Roll Requires No Servicing, Eliminates Wear	Nov. 116
Saddle Guide Eliminates Oiling, Permits Piecing-Up from Side-to-Side	Nov. 118
Change Spinning Speeds More Easily and Quickly	Nov. 118
Bobbin Conveyor Systems Reduce Operating Costs, Conserve Floor Space	Nov. 197
Quill Polisher Does Not Require Full-Time Operator	Nov. 199
Semi-Automatic Feed and Bobbin Selector for Quill Cleaners	Nov. 227
See Broken Spinning Ends Quickly with this Device	Dec. 87
Clean Revolving Type Clearers Faster with this Machine	Dec. 188
Lightweight Roll Picker Is Easier to Use	Dec. 192
High Draft System Has No Aprons	Dec. 193

Twisting, Spooling, Winding, Warp Preparation

		SPIN-WEAVE	WOOL	SYNTHETICS	WET PROCESS	KNITTING
Nylon Twisting Travelers Permit Larger Packages	Feb. 107	•				
Twist Tables Reduced Errors in Our Twister Room, by Horace L. Pratt	June 139	•				
Model-T Brake on Twister Prevents Slack Ends	Aug. 116	•				
Heavy Whorls Reduce Twister Bobbin Slippage	Dec. 94	•				
Barber-Colman Spoolers (Ga. Meet)	Aug. 121	•				
Automatic Quill Winder Saves $9,360 Annually	Feb. 109	•				
Make This Gauge to Adjust Feed Racks on Quillers	Mar. 181	•	•	•		
Top Shelf for Winder Boosts Efficiency	Mar. 187	•	•	•		
Keep Those Filling Winders Running	May 145	•	•	•		
Rewinding and Requilling Filling Yarn, by S. A. Roane (STA Meet)	Dec. 123	•				

New Equipment

Adjustable Gauge Twister for Larger Packages at Greater Speeds	May 89
New 2-for-1 Rocket Spindle for Existing Uptwisters	June 97
Ring Twister Has Unique Wet Twisting Attachment	Aug. 156
All-Purpose Twister	Aug. 180
Cotton Twister Features New Roll Arrangement	Aug. 184
Novelty Twister Attachment Provides Maximum Flexibility	Sept. 198
2-for-1 Ply Twister Makes 25-lb Package of Industrial Cord	Nov. 109
14-Head Twister for Small-Size Precision Twisted Cords	Nov. 113
Versatile Yarn Conditioner Has 50% Greater Capacity	Jan. 83
Yarn Feeding Device Eliminates Need for Yarn Handler at Spoolers	May 175
Automatic Spooler for Mills with Large-Package Spinning	Aug. 177
Skein Reeler Features Simplicity and Efficiency	Feb. 97
Automatic Winder Makes Satisfactory Cones for Knitting, Quilling, Warping, etc.	Apr. 147
Fully Automatic Winder Stacks Filling in Box, Free of Dust	Apr. 239
For Low Cost Winding of All Kinds of Filling	Apr. 244
Improved Wrappers for Dye Springs and Tubes	Apr. 244
Most Flexible Winder Uses Lathe Principle of Holding Bobbins	July 163
High Production and Low Winding Costs with Automatic Filling Winder	Aug. 165
Improved Hand Knotter	Aug. 186
Automatic Filling Winder with Rotary Traverse	Oct. 227
Ceramic Guides Have Long Life	Nov. 111
Wax Emulsion for Knitting Yarns and Sewing Threads	Nov. 113
Controlled-Finish Finger Guides for Gate Tension Devices	Nov. 118
Extra Hard Fingers for Tension Finger Frames	Dec. 188
Electronic Warper Easy to Operate	Feb. 211
Heavy Duty Beamer	June 215
Versatile Cheese Creel Simple, Efficient	July 155
Spindle Driven Warper Features Speed to 700 ypm	July 161
Direct Warper Is Electrically Controlled	Aug. 155
Bobbin Holder Needs No Brake to Adjust Torque to Package Size	Aug. 183
High-Speed Warper for Section Beams up to 40"	Sept. 201
New Tension Control Unit for Warper Creels	Sept. 215
Changeover Time Substantially Reduced with Universal Cone Holder	Oct. 227
Sectional Warpers Are Fully Automatic	Nov. 110
Warp Cottons at 1000 ypm	Nov. 113

Slashing, Weaving, Cloth Room

Slashing

		SPIN-WEAVE	WOOL	SYNTHETICS	WET PROCESS	KNITTING
Cooking Homogenized Size (STA Meet)	Jan. 110	•			•	
Storing Homogenized Size (STA Meet)	Jan. 110	•			•	
Homogenizer Maintenance (STA Meet)	Jan. 110	•			•	
Less Starch Required with Homogenized Size (STA Meet)	Jan. 110	•			•	
Homogenizers Cut Size Costs and are Amortized in One Year	Feb. 115	•			•	
Control Your Size-Cooking Pressure!	Sept. 148	•				
Check Proposed Auxiliary Dryers for Efficiency	Jan. 159	•			•	
Air-Dri Slasher Jumps Production	Feb. 108	•			•	
Beam Handling Is Easy with these Mill-Made Storage Racks	Feb. 126	•				
Size Cooking Equipment Reduced	Feb. 133	•			•	
Pacolet Pumps Size 380 Feet	Mar. 134	•				
Minor Changes—Big Difference in Slashing-Weaving	May 114	•				
Slasher Roll Covering (STA Meet)	June 159	•			•	
Life of Slasher Roll Covering (STA Meet)	June 159	•			•	
Synthetic Covered Squeeze Rolls (Ala. Meet)	Dec. 145	•			•	
Blanket-Covered vs. Yarn-Wound Squeeze Rolls (Ala. Meet)	Dec. 147	•			•	
Control of Size Pick-up Discussed	July 131	•				
Check These Points When Size Pick-Up Is Off Standard (Ala. Meet)	Dec. 149	•			•	

Slashing continued

		SPIN-WEAVE	WOOL	SYNTHETICS	WET PROCESS	KNITTING
Warning Light Indicates Size Tank Near-Full Point	Aug. 113	•				
Pre-Dryer Prevents Size Dilution	Aug. 123	•				
Try This Split Rod to Prevent Staining at the Slasher	Aug. 141	•				
Cut Idle Loom Time by Overcoating Warp Yarns with Wax-Like Plastic	Sept. 209	•		•	•	
Pressure Type Squeeze Rolls (Ala. Meet)	Dec. 145	•			•	
Waste at the Slasher (Ala. Meet)	Dec. 147	•				
Cotton Slashing with Synthetic Compounds Reduces Stream Pollution, by Duane Snyder (AATCC Abstract)	Dec. 167	•			•	
Easily Made Size Mixer Does a Superior Job	Dec. 184	•				

New Equipment

"Package" Control Units for Size Cooking	Jan. 83
Automatic Recording Pressure Controller for Homogenizers	Apr. 151
Device Applies Melted Wax to Yarns, Aids Weaving	Apr. 239
Automatic Slasher Head End	May 177
Device Holds Moisture at Slasher within plus or minus 1%	June 99
Size Machine Requires Less Size, Cuts Drainage Loss	July 67
Faster and More Uniform Sizing with this Slasher Squeeze Roll	Aug. 79
Homogenizer Features Triple Action	Sept. 221
Doff Slasher without Stopping or Slowing Down	Nov. 120
High Speed, All-Purpose Warp Sizing Machine	Nov. 130
3-Stage Slasher Friction Replaces Old without Changing Drive	Dec. 85

Weaving

		SPIN-WEAVE	WOOL	SYNTHETICS	WET PROCESS	KNITTING
Controlling Warp Waste in Weaving (Ga. Meet)	Jan. 131	•				
Controlling Filling Bunch Waste (Ga. Meet)	Jan. 131	•				
Re-Issue of Parts Repaired (Ga. Meet)	Jan. 133	•				
Quality Control (Ga. Meet)	Jan. 133	•				
Loom Supply Cost (Ga. Meet)	Jan. 133	•				
Should Rates Differ for First and Second Quality? (Ga. Meet)	Jan. 137	•				
Weaving Fabrics Having Ends with Different Take-up from a Single Beam (Ga. Meet)	Jan. 137	•				
Preventing "Button Holes" (Ga. Meet)	Jan. 137	•				
Doffing Cloth from Looms (Ga. Meet)	Jan. 139	•				
Ways to Prevent Slack and Tight Tape Selvages (Ga. Meet)	Jan. 141	•				
Fiber-Sided vs. Wooden Shuttles (Ga. Meet)	Jan. 141	•				
Weaving Filling Twills (Ga. Meet)	Jan. 141	•				
Loom Cleaning (Ga. Meet)	Jan. 141	•				
This Mill Made Its Own Vacuum Cleaner to Remove Lint While Looms Run	June 179	•	•	•		
Weave Room Cleaning and Loom Cleaners (STA Meet)	Dec. 122	•				
Atmospheric Conditions for Weaving Drills, Twills, Sateens (Ga. Meet)	Jan. 143	•				
Spring Jacks on 60" Looms Making Heavy Fabrics (Ga. Meet)	Jan. 143	•				
Loom Settings for Print Cloth	Jan. 162	•				
Tips on Weaving Sateen	Jan. 165	•				
Covering for Loom Take-up Rolls Proved Efficient	Feb. 111	•				
Stencils Will Simplify Your Jacquard Designing	Feb. 122	•	•	•		
Shutdowns Prevented, Production More Flexible with Loom V-belt Drives	Feb. 134	•				
Aluminum Lug Supports Save Picker Sticks, Lug Straps, and Labor	Feb. 136	•				
Weighted Averages of Loom Stops Predetermine Weaver's Rate and Costs	Feb. 141	•				
Kink Saves Loom Picker Sticks and Lug Straps	Feb. 175	•	•	•		
Impregnated Felt Pads Anchor Looms Securely, by T. Hargreaves	Feb. 176	•	•	•		
Primary Aspects of the Power Loom (Book Listing)	Feb. 217	•	•	•		
A Study of the Loop Structure of Terry Towels, by T. Hargreaves	Mar. 140	•				
Identification of Weavers' Work Brings Improvement	Mar. 177	•				
Install This Loom Flag—Save Steps	Mar. 181	•	•	•		
Screw Crank Speeds Harness Work	Mar. 185	•	•	•		
Temple Slide for Running Wide Cloth	Mar. 185	•	•	•		
Nubby Yarn Weaving Problems	Mar. 187	•	•	•		

Weaving continued

		SPIN-WEAVE	WOOL	SYNTHETICS	WET PROCESS	KNITTING
The Case for Colored Selvages on Yarn Dyed Fabrics	Apr. 161	•	•	•		
How's Your Weave Room Condensation?	Apr. 184	•	•	•		
Improvised Weavers' Light Is Handy	Apr. 207	•	•	•		
Quick Release for Friction Drum Clamp on C&K Terry Towel Looms	Apr. 211	•				
Power Transmitters Improved Loom Operation at Clinton Silk Mill, by Roy Hampton and George Griess	May 99	•		•		
Make This Simple Tool for Replacing Harness Hooks	May 143	•	•	•		
Shuttle Life (STA Meet)	June 159	•				
Shuttle Check Points (STA Meet)	June 159	•				
Make This Center Cutter for Weaving Narrow Fabrics on Wide Looms	June 171	•	•	•		
Effective Harness Cleaner Made from Spare Parts	June 187	•	•	•		
Check Straps (STA Meet)	June 233	•				
Strap Check Points (STA Meet)	June 233	•				
Make This Double-Leg Check Bracket	July 129	•				
The Diversified Weaving Mill Can Reduce Quiller Over-runs	Aug. 103	•		•		
Text on Jacquards by T. I. Contributor	Aug. 104	•	•	•		
Weavers—Modernize Those Small Beam Heads	Aug. 135	•	•	•		
How to Make Easing Roll on Terry Looms Turn Freely	Aug. 139	•				
Easy Way to Assemble XD Loom Friction Plate	Aug. 141	•				
Reduce Grate Cleaning	Sept. 141	•				
Weaving Cords? Try This Reeding Plan to Prevent Slack Ends	Sept. 189	•	•	•		
Easy Method for Repairing Pump Arm Castings on XD Looms	Sept. 191	•	•	•		
Rayon-Cotton Damask Weavers—Take Note!, by Dorothy Saville	Oct. 132	•		•		
Revamp Return Air Screens on Humiducts; Cut Weave Room Cleaning Costs	Oct. 165	•				
Easy Way to Anchor Loom Beam to Bracket	Oct. 222	•	•	•		
Pack Goods Uniformly—Reduce Waste in Cutting	Oct. 222	•				
Overhauling Looms (Ala. Meet)	Dec. 149	•				
Preventive Maintenance Schedule in Weaving (Ala. Meet)	Dec. 149	•				

New Equipment

Cut Drawing-In Costs, Improve Fabric Quality with Drawing-In Machine	July 148
Portable Warp Tying Machine Features Full Width Warp Loading	July 148
Warp Tying Machine Automatically Finds Fault in Lease	Nov. 122
Crane Type Loom Cleaner Cuts Track Cost, Improves Room Appearance	Feb. 95
Exceptional Resistance to Shock and Vibration Offered by Loom Switch	Feb. 99
Parks-Cramer Traveling Loom Cleaner	Apr. 149
Fluid Type Loom Let-Off Drive Maintains Uniform Tension	May 87
Air-Actuated Loom Clutch Improves Cloth Quality	May 191
Self-Cleaning Filling Grate for Looms with Side Filling Fork	June 215
Needles Instead of Shuttles Double Output in this Narrow Fabric Plant	July 73
Loom Motor Designed for Longer Life	July 142
Loom Improvements by Draper	July 143
Versatility of Pile Fabric Looms Increased with this Head Motion	July 165
Loom Picking Motion Machined for "Perfect" Paralleling	July 167
Picker Stick of Compressed Impregnated Wood Durable and Flexible	Aug. 81
Draper to Make New Self-Cleaning Filling Grates, Coat Used Ones	Aug. 154
Reed Cleaning Machine Is Fully Autcmatic	Aug. 155
Multi-Purpose Looms Provide Flexibility and Versatility	Aug. 163
Recessed Spur New Feature of Draper Shuttles	Aug. 186
Three Developments for Better Control of Warp in Weaving	Sept. 105
Beaded Dent Reed Cuts Loom Stoppage Due to Knots and Gouts	Nov. 120
Loom Take-Up and Press Roll Covering Materials Do Not Mark Fabrics	Nov. 123
Automatic Overhead Loom Cleaner Cuts Costs	Nov. 128
Set Mark Preventer for Dobby Looms Cuts Weaving Costs	Nov. 128
Loom Motor Has High-Inertia Rotor	Nov. 130
90" Sheeting Loom is 20% Faster	Dec. 87
Photocopying Machine Cuts Cost of Reproducing Weave Patterns	Dec. 189
High Speed Loom Has "Flexible Shuttle," Other Interesting Features	Dec. 190

Cloth Room

		SPIN-WEAVE	WOOL	SYNTHETICS	WET PROCESS	KNITTING
Checking Cloth Weights (Ga. Meet)	Jan. 141	•				
Cloth Identification Does Not Fade in Bleaching	Feb. 102	•	•	•	•	•
Yardage Meter Builds Customer Confidence	Feb. 107	•	•	•	•	

Cloth Room continued

		SPIN-WEAVE	WOOL	SYNTHETICS	WET PROCESS	KNITTING
Discussion On Opening and Re-rolling Double Cloth	Mar. 183	•				
Remove Tar Spots from Cotton Fabrics, by Jack Compton and Leo R. Hubbard	Apr. 177	•			•	
Save Time with Additional Arm on Cloth Folder	May 153	•	•	•		
"These Cloth Room Improvements Paid"	Aug. 106	•				
Speed Up Cloth Inspection with This Easily Made Machine	Aug. 143	•				
Mill-Made Adapter Fits Customers' Cloth Rolls	Dec. 179	•		•		

New Equipment

Ship Textiles Safer and Easier with Bale Cups	May 89
Air-Operated Cloth Folder Requires Less Space and Maintenance	May 186
Firm, Even Rolls of Cloth 48" in Diameter Made on this Machine	July 146
Automatic Transfer Applying Machine	July 157
Device Automatically Tags Flaws in Fabric	Aug. 178
Combination Tubing and Examining Form for Fabrics	Aug. 187
Black Light Lamp Aids Fabric Inspection	Nov. 199
Automatic Fabric Inspector Saves Time, Eliminates Element of Skill	Dec. 188
Trim Cloth Selvages at Speeds up to 150 ypm	Dec. 188
For Neater Packages at Cloth Inspection	Dec. 194
Heavy Fabrics Are Easily Handled On this Cloth Folding Machine	Dec. 195

Synthetics

		SPIN-WEAVE	WOOL	SYNTHETICS	WET PROCESS	KNITTING
Some Mistakes You Can Avoid When Processing Saran Monofilament	Jan. 87			•		
Blending at Fiber and Polymer Levels (TRI Annual Meet)	Jan. 121			•		
Weaving Filament Rayon (Ga. Meet)	Jan. 141			•		
No Overdrying Light Denier Synthetics with Automatic Valve on Slasher	Feb. 104			•	•	
What Powdered Size Did for Weaving of Synthetics	Feb. 130			•	•	
Narrow Fabric Facilitates Heart Operations	Feb. 161			•		
Here's the Dope on Dope-Dyed	Mar. 126	•		•		
Vinyl-Coated Fiberglas Yarns Said to Be More Flex and Abrasion Resistant	Mar. 153			•		
Du Pont's "Mylar" Film Has Many Textile Applications	Mar. 167	•	•	•	•	•
Steamed Glass Filling Runs Better	Mar. 179			•		
Seat Cover Fabric Is Flame and Tear Resistant	Apr. 161			•		
Variation in Fiber Blends, by Geoffrey V. Lund (ASQC Abstract)	Apr. 195			•		
New Yarn Form Produced by Special Crimping Process	May 107			•		
1953 Rayon Staple Imports Equal 1952	May 118			•		
Trading in Raw Silk Futures Resumed	May 127			•		
How To Weave Glass without Friction	May 145			•		
Question on Weaving Glass Cloth	June 171			•		
Readers Answer Question on How to Weave Glass Fabric	Aug. 139			•		
For Quality Repps, Its Inspect and Correct	July 92			•		
Wild Stretch in Nylon Tire Cord Licked	July 104			•		
Teflon Yarn Resists Heat and Chemicals	July 112			•		
Changing from Cotton to Rayon (Ga. Meet)	July 123	•		•		
Warp Storage Rack Is Easily Made	July 136			•		
Glass Screens Easily Repaired	Aug. 69			•		
16% More Man-Made Fiber Produced in 1953 than 1952	Aug. 105			•		
After-Waxing Found Desirable for Filament Dacron Yarns	Aug. 109			•		
Make This Simple Machine—Clean Small Parts Automatically	Aug. 147	•	•	•	•	•
Gauge Facilitates Adjustment of Thread Guide on Headless Package Uptwister	Sept. 150			•		
"It Feels Like Wool"	Sept. 156			•		
This Mill Uses Splicing Compound To Straighten Crossed Warps	Oct. 217			•		
Glass Weaver Develops Decorative Finish; Makes Woven Tubing	Nov. 79			•		

Synthetics continued

		SPIN-WEAVE	WOOL	SYNTHETICS	WET PROCESS	KNITTING
Watch These Points in Processing Continuous Filament Viscose Yarns, by George Marshall (Canadian Seminar)	Dec. 132			•		
Automotive Upholstery Shop Gutted by Fire; Stock of Nycar Fabric Undamaged	Dec. 111			•		
Spun Saran Fabric Provides Sun Glare Control	Dec. 107			•		
Dynel Clothing Protects from Chemicals	Dec. 137			•		
How to Keep Shuttle Free of Fly	Dec. 184			•		

New Equipment

Soil-Resistant Carpet Staple	Jan. 176
Warp Size for Filament Dacron	Feb. 99
Redraw Cap for 1-7/8" Diameter Nylon Shipping Pirn	Feb. 213
Hot Stretching Machine for Synthetic and Cotton Threads	Feb. 213
Only .25% Waste Through Carding with New Machinery for Synthetics	Mar. 105
Casein Staple Fiber for Use in Blends	Mar. 105
Processing Oils Eliminate Soil Removal Problems	Mar. 219
Laminated Plastic Redraw Cap for Dacron Shipping Tubes	Apr. 149
Pacific Converter Includes Heat Stretch Process for Orlon Knitting Yarns	May 181
Aluminum-Steel Section Beam	July 142
For Positive Shrinkage of Helanca and Other Yarns in Less Time	July 146
Tough, Non-Shattering, Molded Re-Wind Caps	July 147
Versatile Wet-and-Dry Picker	July 155
"Stretch" Yarn Making Simplified with Special Flyers and Rings	July 161
Synthetic Card Is Heart of Short Worsted System	July 163
Yarn Pre-Shrinking and Setting Machine Features Uniformity	July 169
Headless Package Twister Three Machines in One	July 170
Vertical Spooler Features Several Improvements	Aug. 83
Quick and Thorough Penetration of Package with this Yarn Setting Machine	Aug. 153
Direct Spinner Makes High Quality Yarn from Tow	Aug. 158
Consider These Features of Aluminum Bobbins	Aug. 161
Very Low Yarn Tension with this 2-for-1 Uptwister Spindle	Aug. 178
Heavy Duty Doubler Twister	Aug. 182
Vertical Redraw Has Compensating Tension Device	Aug. 184
Synthetic Fabrics Treated with Lanolin Feel Cooler in Summer, Warmer in Winter	Aug. 188
Twister Attachment for Setting Twist in Yarns	Aug. 188
Long Staple Cotton Can Be Processed on Gwaltney Frame	Sept. 195
Combination Thread Waste and Staple Cutter	Sept. 198
Du Pont's Elchem 1273 for Sizing Synthetics Commercially Available	Sept. 202
Gyro-Tex Bobbins Now Made by Steel Heddle	Sept. 209
Improved Silicone Rubber Coating for Glass Cloth or Synthetic Fabrics	Sept. 211
Fewer of These Bobbin Transporters Are Required	Sept. 213
Filament Acetate Yarn Develops Wool-Like Crimp in Boiling Water	Sept. 215
New Type Take-Up Bobbin	Sept. 219
Tints for Natural and Synthetic Fibers More Fugitive	Sept. 219
Combination Spinner and Take-Up Bobbin	Oct. 117
New Anti-Static Agent for Synthetic and Natural Fibers	Oct. 234
Take-Up Shaft Withstands High Temperatures and Tensions	Oct. 241
All-Bakelite Spinner Bobbin Features Tie-Rod Construction	Oct. 273
Uptwisters for Rayon and Nylon Tire Cord and Other Industrial Yarns	Nov. 119
Double-Deck Twister Is Three Machines in One	Nov. 131
Machine Doubles and Twists High Denier Yarns in One Operation	Nov. 131
Uptwister Traverse Guide Offers Extra Long Life	Nov. 132
Headless Bobbin and Pirn Cap Prevent Snags	Nov. 136
Versatile Stretch Yarn Has Wide Range of Applications	Nov. 136
Machine Winds 3 Types of Packages at Speeds Up to 1000 ypm	Nov. 137
Viscose Thick and Thin Yarn Being Combined with Metlon	Nov. 138
Quick and Thorough Penetration of Package with this Yarn Setting Machine	Nov. 201
Vacuum and Pressure Utilized to Steam Set Yarns and Fabrics	Nov. 203
Shockless Static Eliminator Bar Is Very Efficient	Nov. 203
Just Push the Button and Spray—Static Vanishes	Nov. 210
New Fiber Blends Readily, Is Easily Processed, Dyed and Finished	Dec. 196

Wool

		SPIN-WEAVE	WOOL	SYNTHETICS	WET PROCESS	KNITTING
Dorr Woolen Assures Lubrication	Jan. 119		•			
What the 84-inch Card Can Do for a Mill (NAW & WO Meet)	Jan. 150		•			
Slow-Motion Film Shows Point Damage on Wool Card (NAW & WO Meet)	Jan. 155		•			
How to Insert Web in Rolls (NAW & WO Meet)	Jan. 155		•			
Boss Weaver Reports on Warner & Swasey Weaving Machine (NAW & WO Meet)	Jan. 155		•			
Variable Speed Control and Brake for Dressing Frames (NAW &WO Meet)	Jan. 157		•			
Wool Tariff Situation (NAW & WO Meet)	Jan. 157		•			
127 Wool Mills Out of Business Since 1949 (NAW & WO Meet)	Jan. 157		•			
Moth Count Reduced 96% in Raw Wool Warehouse	Feb. 108		•			
8% Increase in Production on Wool Scourers Equipped with Temperature Recorder Controllers	Feb. 113		•		•	

Wool continued

		SPIN-WEAVE	WOOL	SYNTHETICS	WET PROCESS	KNITTING
Cloth Guide Permits Increase in Tentering Speed	Feb. 119		•		•	
Clutch Provides Easy Machine Starts, Cuts Maintenance, Increases Production	Feb. 121		•			
Lubricant Splashing Stopped	Feb. 125	•	•	•		
Resilient Wool Is Fiber Needed by This Mill	Feb. 132		•			
Wool Quality—Modernize and Train	Mar. 116		•			
Cut Wool Scouring Cost and Time with Non-Ionic Detergents	Mar. 125		•			
Study of Fabric Uniformity from Top Blending of Wool with Rayon or Nylon	Mar. 137		•	•		
First Wool Combing Plant in South	Mar. 167		•			
Screens Solve Waste Water Problem in Woolen Mill	Apr. 161		•			
You Can't Beat a Good Sandwich Mix for Uniform Blending of Wool, by W. J. Crofts	Apr. 169		•			
United Kingdom Leads in Wool Imports; U. S. in Second Place	Apr. 201		•			
Watch these Critical Points when Sizing Worsteds	May 91		•		•	
Want to Prevent Broken Harnesses on W-3 Looms?	May 137			•		
First Shipment of Raw Wool Enters Charleston, S. C., Port	June 85		•			
Old Card to Smithsonian Institute	June 87		•			
Large Doffers (Supervisor's Seminar)	June 106		•			
Excessive Waste at the Breaker Card (Supervisor's Seminar)	June 106		•			
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"Positive Competition" Termed Carpet Mills' Greatest Asset	Sept. 147		•			
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Special Clamps for Loose Wool Solve Problem As They Save	Oct. 211		•			
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Whitin's Roto-Drafter Can Also Be Used as Wide Range Drawing Frame	June 99					
Faller-Type Drawing Frame for Wool and Synthetics	Apr. 151					
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American System Roving and Spinning Frames Have Many New Features	May 85					
"Climax" Top Roll Can Be Weighted Up to 200 Pounds	May 182					
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Here's How Mill Processing Affects Cotton Cellulose, by Robert F. Schwenker, Jr., and John C. Whitwell (Research Findings No. 12)	May 104	•				•

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For Filament Synthetics—Uniform Package Dyeing Assured by High Temperatures and Proper Winding	Aug. 100				•	•
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Here's How to Control Warp Streaks in Stock-Dyed Fabrics, by M. R. Harden	Dec. 92	•				•
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40-Ton Multi-Purpose Calender; New Tipping and Inlay	Dec. 190					

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No. 14. A Better Way—Through Research—to Keep Dry Under Cotton, by K. L. Baringer, H. A. Schuyten, and C. F. Goldthwait	July 102	•			•	
No. 15. High Temperature Sulfur Dyeing of Cotton, by James L. Taylor and William A. Murauskas	Sept. 122				•	
No. 16. X-Rays Aid Cotton Research, by Leon Segal and Carl M. Conrad	Dec. 116	•				
How Are Cotton Fiber Characteristics and Spinning Performance Affected by Irrigation?, by Jack D. Towery, Lyle E. Hessler, and Billy K. Power	Mar. 149	•				
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Each Cotton Mill Must Determine Its Best Micronaire Blend	Mar. 163	•				
More on Effect of Single and Ply Twists on Carded Yarn Properties	Mar. 169	•				
Influence of Processing on Nep Formation, by R. H. Souther (CRC Abstract)	Apr. 183	•				
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What Cotton Fiber Properties Affect Yarn Quality, by John W. Wright (Canadian Seminar)	Dec. 131	•				
Effect of Outdoor Exposure on Fibers, by M. L. Staples and C. J. Brown (Canadian Seminar)	Dec. 135	•			•	•
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Measure Nep Potential of Cotton, by John F. Bogdan (CRC Abstract)	Apr. 174	•				
Determining Nep Content of Ginned Lint, by Joseph T. Rouse (CRC Abstract)	Apr. 180	•				
Fiber Tests Help Cotton Buyers, by W. A. Julian (ASQC Abstract)	Apr. 199	•				
Yarn Evenness Formula Defended by Author	Apr. 209	•				
Navy Develops Fabric Drape-Flex Tester	May 117	•	•	•	•	•
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What Fibers are in the Blend? by W. R. Wilson	Sept. 125	•	•	•	•	•
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Permeometer Measures Very Porous Materials When Densometer Fails	June 217
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Reduce Testing Cost with this Fiber Strength and Elongation Tester	Nov. 148					
New Instrument for Projection and Measurement of Fibers	Nov. 149					
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Growth of Industry in South Carolina Credited to Fiber, Consumer Research (S.C.T.M.A. Meet)	July 59	•	•	•	•	
Find a Better Way, STA Members Told	Aug. 124	•				
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N. C. Manufacturers Enjoy the Calm after the Storm	Dec. 124	•				

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Homogenized Size (S. C. Section STA)	Jan. 110	•			•	
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Wool Men: Read These Reports on Modern Equipment (NAW & WO Annual Meet)	Jan. 150		•			
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Alabama Mill Men Check Up on Service Department Labor Costs	June 134	•	•	•		
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Having Trouble Sewing Supported Plastic Outerwear?	Jan. 157					●
Take-up Roller for Kolio 51 and 60 Gauge F-F Machines	Jan. 165					●
Easy Way to Remove Valve Seat Bushings	Jan. 169					●
F-F System Reduces Handlings from Nine to Three	Feb. 104					●
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Spare Tricot Beam Trucks Save Time at Warp Change	Feb. 117					●
Hosiery Mill Nylon Losses Reduced 75%	Feb. 124					●
Rubber Furnisher Cuts Seconds in Knitting Mill	Feb. 131					●
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Electrically Heated Forms Low on Maintenance Cost, Provide Comfortable Conditions	Feb. 136					●
Dual Stoker Controls Save $1175 Annually in Steam Plant Operation	Feb. 137					●
Metallizing Cuts Cost of Shaft Repair in Half	Feb. 141					●
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Hosiery Pairer Counter Increases Productivity	Feb. 144					●
Board Keeps Visible Inventory of Full-Fashioned Tools	Feb. 171					●
Four Full-Fashioned Tips Show How Charlie Saves Money! by Charles Rhyne	Mar. 107					●
Press-Offs Are Costly! Here's How to Reduce Them, by K. O. Metz	Mar. 123					●
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